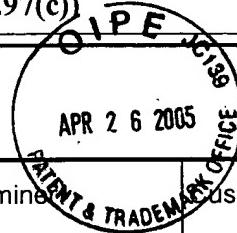


TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
71493-1326CIP /slb

In Re Application Of: JIANGLEI MA, ET AL



Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
09/819,957	March 28, 2001	JIANGLEI MA	07380	2661	4214

Title: PREAMBLE DESIGN FOR MULTIPLE INPUT - MULTIPLE OUTPUT (MIMO), ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM) SYSTEM

Address to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
 - the statement specified in 37 CFR 1.97(e);
 - OR**
 - the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
 (Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
 71493-1326CIP /slb

In Re Application: **JIANGLEI MA, ET AL**

APR 26 2005

PATENT & TRADEMARK OFFICE

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
09/819,957	March 28, 2001	JIANGLEI MA	07380	2661	4214

Title: **PREAMBLE DESIGN FOR MULTIPLE INPUT - MULTIPLE OUTPUT (MIMO), ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM) SYSTEM**

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- A check in the amount of _____ is attached.
- The Director is hereby authorized to charge and credit Deposit Account No. **19-2550** as described below.
 - Charge the amount of **\$180.00**
 - Credit any overpayment.
 - Charge any additional fee required.
- Payment by credit card. Form PTO-2038 is attached.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. _____)

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Signature

Typed or Printed Name of Person Signing Certificate

Certificate of Mailing by First Class Mail

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____

 (Date)

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Certificate

*This certificate may only be used if paying by deposit account.

Allan Brett
 Signature

Dated: **April 25, 2005**

R. Allan Brett

Reg. No. 40,476

Tel: (613) 232-2486

CC:



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
ATTY. DOCKET NO. 71493-1326CIP (RAB:rld)

In re Patent Application of Jianglei Ma, et al

Serial No. 09/819,957

Group Art Unit: 2661

Filed: March 28, 2001

Examiner:

For: PREAMBLE DESIGN FOR MULTIPLE INPUT - MULTIPLE OUTPUT (MIMO),
ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM) SYSTEM

INFORMATION DISCLOSURE STATEMENT

This Information Disclosure Statement is being filed in the manner prescribed by 37 CFR 1.97(b) - (d) to satisfy the duty under 37 CFR 1.56 to disclose to the Office information, known to individuals associated with the filing and prosecution of the subject application, which is material to the examination of the application.

In accordance with 37 CFR 1.97(g) and (h), this statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 CFR 1.56(b).

This Information Disclosure Statement is being filed within three months of the filing date of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first official action on the merits and therefore applicant respectfully requests consideration under 37 CFR 1.97(b).

In accordance with 37 CFR 1.97(e), I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application.

A cheque in the amount of \$180 is enclosed herewith as payment of the fee for untimely filing of references.

In compliance with 37 CFR 1.98(a)(2), also enclosed is a legible copy of:

- i) each foreign patent;
- ii) each publication or that portion which caused it to be listed; and
- iii) all other information or that portion which caused it to be listed, excluding any copies of a United States patent application.

In compliance with 37 CFR 1.98(a)(1), a list of all patents, publications, applications or other information submitted for consideration by the Office is hereby provided by way of the attached Form PTO-1449.

It is respectfully requested that the information be expressly considered by the Examiner and that the references be made of record and appear among the "References Cited" on any patent to issue therefrom.

The Patent Office is hereby authorized to charge any deficiency, or credit any overpayment in fees to Deposit Account Number 19-2550.

Respectfully submitted,

JIANGLEI MA, ET AL



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Dated: April 25, 2005

Encls.: Form PTO-1449
 All references listed on Form PTO-1449
 European Search Report
 Acknowledgement Card

Form PTO-1449 (Modified)		Atty. Docket No. 71493-1326CIP	Serial No. 09/819,957
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APR 26 2005 PATENT & TRADEMARK OFFICE JC150 APR 26 2005 SEARCHED Filing Date March 28, 2001	
		Applicant Jianglei Ma, et al	
		Filing Date March 28, 2001	Group 2661

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL.DATE IF APPROPRIATE
AA	2002/0122381 A1	Sep. 5, 2002	Wu et al.	370	208	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
AB	1 185 001 A2	21.08.2001	EP	H04B	7/06		

OTHER ART (including Author, Title, Date, Pertinent Pages, Etc.)

AC		Jones, V.K.; Raleigh, Gregory G.; CHANNEL ESTIMATION FOR WIRELESS OFDM SYSTEMS; IEEE, 08.11.98, pgs 980-985.
AD		Cimini, Leonard J. et al.; CLUSTERED OFDM WITH TRANSMITTER DIVERSITY AND CODING; IEEE; 18.11.96, pgs 703-707.
AE		Daneshrad, Babak et al; CLUSTERED-OFDM TRANSMITTER IMPLEMENTATION; IEEE; 1996, pgs 1064-1068.
AF		Matsumoto, Yoichi et al.; OFDM SUBCHANNEL SPACE-COMBINING TRANSMISSION DIVERSITY; IEEE, 1998, pgs 137-141.

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.